

Product datasheet for **TA313597**

VE Cadherin (CDH5) Rabbit Polyclonal Antibody

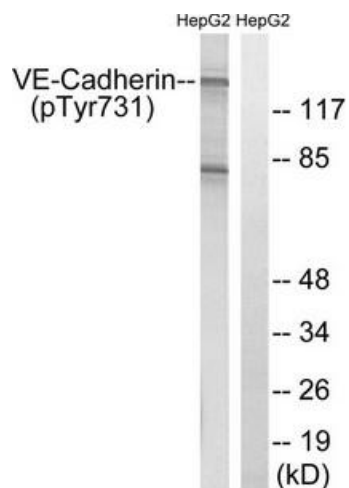
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:500~1:3000, IHC: 1:50~1:100, ELISA: 1:20000
Reactivity:	Human, Mouse
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized phosphopeptide derived from human VE-Cadherin around the phosphorylation site of tyrosine 731 (H-I-YP-G-Y).
Formulation:	Phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	cadherin 5
Database Link:	NP_001786 Entrez Gene 12562 Mouse Entrez Gene 1003 Human P33151
Synonyms:	7B4; CD144
Note:	VE-Cadherin (Phospho-Tyr731) antibody detects endogenous levels of VE-Cadherin only when phosphorylated at tyrosine 731.
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs), Leukocyte transendothelial migration

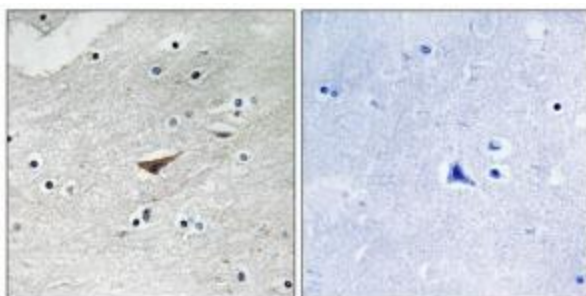


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Product images:



Western blot analysis of extracts from HepG2 cells, treated with Na₃VO₄ (0.3mM, 40mins), using VE-Cadherin (Phospho-Tyr731) antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue using VE-Cadherin (Phospho-Tyr731) antibody. The picture on the right is treated with the synthesized peptide.